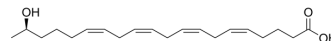


## 19(R)-HETE

Cat. No.:	HY-118332
CAS No.:	115461-39-7
Molecular Formula:	C <sub>20</sub> H <sub>32</sub> O <sub>3</sub>
Molecular Weight:	320.47
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	19(R)-HETE is a vasodilator in renal arteries, whereas 19(S)-HETE was relatively inactive <sup>[1]</sup> .
In Vitro	19(R)-HETE (1 μM) increases the diameter of lumen of renal arteries by 15±4 μm from a basal diameter of 233±20 μm <sup>[1]</sup> . 19(R)-HETE (1 μM) increases vessel diameter by 53±7 μm in vessels precontracted with 0.1 μM <a href="#">Norepinephrine</a> (HY-13715) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Ma YH, et al. 20-Hydroxyeicosatetraenoic acid is an endogenous vasoconstrictor of canine renal arcuate arteries. *Circ Res.* 1993 Jan;72(1):126-36.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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